

MILITARY EQUIPMENT INVENTORY

1. Wheeled Armored Vehicle

A. Description, quantity, capabilities, and purchase cost

- a. International, NAVSTAR, MAXXPRO M1224, Cost \$658,000 (received from military at no cost). Quantity 1.

The MAXXPRO is an armored vehicle that seats 6-10 people and has an open floor plan to aid in rescuing people. It can stop various projectiles, which provides greater safety to citizens and officers beyond the protection level of a shield and personal body armor. The MAXXPRO has increased ground clearance and a heavy duty suspension which allows an emergency response for a number of situations.

B. Purpose

To be used in response to critical incidents to enhance officer and community safety, improve scene containment and stabilization, and assist in resolving critical incidents.

C. Authorized Use

The use of the MAXXPRO shall only be authorized by an appropriate supervisor or the Special Weapons And Tactics (SWAT) commander, based on the specific circumstances of a given critical incident. The MAXXPRO will only be used by officers properly trained in its deployment and in a manner consistent with Antioch Police Policy and training.

D. Expected Lifespan

25 years

E. Fiscal Impact

Annual maintenance cost of approx. \$2000

F. Training

All drivers of the MAXXPRO shall attend formalized instruction and be trained in the operations and driving of this vehicle.

G. Legal and Procedural Rules

Use and procedures regarding this vehicle are contained in Policy 310 & 702.

2. Command and Control Vehicle

A. Description, quantity, capabilities, and purchase cost

- a. 2008 Chevrolet Kodiak 5500Box Truck (custom built) vehicle, cost \$235,000. Quantity 1

A vehicle used as a mobile office that provides shelter, access to department computer systems, and restroom facilities on extended events. Referred to as a Crisis Negotiation Team Vehicle (CNT).

B. Purpose

To be used for critical incidents.

C. Authorized use

The CNT vehicle is to be used by department personnel assigned to the CNT team. Operators of the vehicle will be trained in its operation and handling of the vehicle. All drivers of the vehicle will have a valid driver's license.

D. Expected Lifespan

The CNT vehicle has a 20 year lifespan.

E. Fiscal Impact

Annual maintenance cost of approx. \$2000.

F. Training

Driver's will complete a closed course training block of instruction annually.

G. Legal and Procedural Rules

Driver's will adhere to the rules of the road as stated in California State law and Policy section 702.

3. Unmanned Aircraft Systems (UAS)

A. Description, quantity, capabilities, and purchase cost

- a. Da-Jaing Innovations (DJI) Mavic 2 Enterprise Advanced, cost \$6,500 each. Quantity 6
UAS that weighs approx. 907 grams and can record video and capture photos. Has lights and speakers and a thermal camera.
- b. DJI Mavic 2 Dual, cost \$ 3,350 each. Quantity 2
UAS that weighs approx. 900 grams and can record video and take pictures. Has a thermal camera, lights, and speaker.
- c. DJI Mavic Enterprise Zoom, cost \$1,500 each. Quantity 5
UAS that weighs 900 grams and can record video and take photos. Has lights, a speaker, and can track flight paths.
- d. DJI Air 2, cost \$800 each. Quantity 4
UAS that weighs approx. 570 grams and can record videos and take pictures.
- e. DJI Mavic Air, cost \$500 each. Quantity 6
UAS that weighs 430 grams and can record video and take pictures.
- f. DJI Mini 2, cost \$450 each. Quantity 2
UAS that weighs 249 grams and can record video and take pictures. Can track flight paths.

B. Purpose

To be used when its views and functions can assist officers with the following situations:

- a. Major collision investigations
- b. Searching for missing persons
- c. Natural disaster management
- d. Crime scene documentation
- e. SWAT, tactical, CNT, or other public safety and life preservation situations
- f. In response to requests from local, state, or federal fire personnel in response to fire evacuation, prevention, or response.

C. Authorized use

Only assigned operators who have completed the required training shall be permitted to operate APD UAS, defined by policy section 341.

D. Expected Lifespan

UAS' have a lifespan of 2-3 years depending on usage.

E. Fiscal Impact

Annual maintenance and battery replacement cost is approx. \$7,500.00.

F. Training

All UAS operators are licensed by the Federal Aviation Administration for UAS operation. Operators must also attend Police Officer Standards and Training (POST) certified classes in UAS operation.

G. Legal and Procedural Rules

Use established under policy 341 and FAA Regulation 14 CFR Part 107.

4. Specialized Firearms and Ammunition

A. Description, quantity, capabilities, and purchase cost

A. Colt ArmaLite Rifle (AR)-15 rifle, Cost \$1,400 each. Quantity 41

B. M4 AR-15 rifle, Cost \$1,400 each. Quantity 6

C. Colt Commando Short Barrel (SB) rifle, Cost \$1,250 each. Quantity 4

The above listed rifles are fired from shoulder level, having a long spirally grooved barrel intended to make bullets spin and thereby have greater accuracy over long distances. They are more powerful and accurate than a pistol, light weight, air cooled, gas operated, and magazine fed. There is no expiration dates, as the rifles can be serviced and replaced depending on the failure. The listed rifles are lethal options designed to stop violent encounters. They give the operator the ability to penetrate soft body armor being worn by an individual.

D. Heckler & Koch (H&K) UMP, Cost \$1,500 each. Quantity 5

The UMP is a lightweight and compact firearm designed to give officers better control inside confined spaces within structures and more accuracy than a standard issue pistol.

E. Remington 700 bolt action rifle, Cost \$2,000 each. Quantity 5

The Remington 700 is a long barreled bolt action rifle. It has a long spirally grooved barrel intended to make bullets spin and thereby have greater accuracy over long distances. They are more powerful and accurate than a pistol and standard rifle. The 700 is a precision rifle used for stopping an armed individual at a safe distance. The 700 rifle gives the operator the ability to penetrate body armor as well as objects if need be.

F. Federal brand .223 caliber rifle ammunition, Cost \$300/ case. Quantity 42 cases.

Federal brand .223 ammunition is the primary ammunition used in all AR-15 based rifles. It is also used in training.

G. Ruag brand .308 caliber rifle ammunition, Cost \$ 620/case. Quantity 13 cases.

Ruag brand .308 ammunition is the primary ammunition used in the Remington 700 bolt action rifle. The department utilizes two types of Ruag ammunition, one for training/target and the other for duty.

B. Purpose

To be used as precision weapons to address a threat with more precision and/or greater distances than a handgun, if present and feasible.

C. Authorized use

Only members that are POST certified are authorized to use a rifle.

D. Expected Lifespan

Rifles – No expiration

Ammunition – No expiration

E. Fiscal Impact

Annual maintenance is approx. \$50 for each rifle.

F. Training

In order to use a rifle, officers must attend a POST certified rifle course or the FBI certified rifle course.

G. Legal and Procedural Rules

It is the policy of the Antioch Police Department to utilize Specialized Firearms for official law enforcement purposes, and pursuant to State and Federal law regarding the use of force and Policy 300.

5. Projectile Launch Platforms and Projectiles

A. Description, quantity, capabilities, and purchase cost

a. Penn Arms Model L140-4, Cost \$900 each. Quantity 15.

The L140-4 is a 40mm compact single-shot break-open frame launcher with a rifled barrel and folding stock. This launcher has a double-action trigger, trigger lock push button and hammer lock safeties. Designed for deploying less lethal projectiles.

b. Projectiles

i. Combined Tactical Systems (CTS) direct impact sponge round, Cost \$ 35.00 each. Quantity 75

Lightweight plastic and foam projectile.

ii. CTS Frangible CS round, Cost \$ 30.00. Quantity 40

Crushable foam projectile which contains a small amount of Oleoresin Capsicum, (OC) irritant.

iii. CTS Ferrett round, Cost \$ 21.00, Quantity 110

Hard plastic projectile used to penetrate barriers to introduce a small amount of chemical agent.

B. Purpose

To limit the escalation of conflict where use of lethal force is prohibited or undesirable. It's purpose is to minimize risk to all parties through pain compliance, temporary discomfort and/or incapacitation of potentially violent or dangerous individuals.

C. Authorized use

Situations for use of the less lethal weapon systems may include, but are not limited to:

i. Self-destructive, dangerous and/or combative individuals

ii. Riot/crowd control and civil unrest

iii. Circumstances where a tactical advantage can be obtained

iv. Potentially vicious animals

v. Training exercises or approved demonstrations.

D. Expected Lifespan

L140-4 no expiration

All munitions have a shelf life of 5 years

E. Fiscal Impact

Annual maintenance of the L140-4 is approx. \$50.00 each. The purchase of new munitions annually approx. \$900- \$2000.

F. Training

40 mm instructors attend a POST certified course and instruct users within the department on its use and capabilities.

G. Legal and Procedural Rules

Use is established through Antioch Police Department Policy 302.

6. Firearm and Firearm accessories

A. Description, quantity, capabilities, and purchase cost

- a. Remington 870 Less lethal Shotgun, Cost \$350.00. Quantity 2

The 870s are older APD shotguns that have been retrofitted and repurposed to assist in deploying gas canisters. This delivery system aids officers in maintaining space between officers and individuals reducing the immediacy of a threat.

- b. CTS LC5 Launching Cups, Cost \$265.00. Quantity 4

Launching cups are designed to work with the 870 shotguns to introduce gas canisters into an environment.

- c. CTS 2600 12 gauge launch cartridge, Cost \$5.00. Quantity 50

Cartridge used to launch the cup from 870 shotgun.

B. Purpose

To limit the escalation of conflict where use of lethal force is prohibited or undesirable. It's purpose is to minimize risk to all parties through temporary discomfort and/or incapacitation of potentially violent or dangerous individuals.

C. Authorized use

Situations for use of the less lethal weapon systems may include, but are not limited to:

- i. Self-destructive, dangerous and/or combative individuals
- ii. Riot/crowd control and civil unrest
- iii. Circumstances where a tactical advantage can be obtained
- iv. Potentially vicious animals
- v. Training exercises or approved demonstrations.

D. Expected Lifespan

Remington 870 no expiration

Launching cups 25 years

Launch cartridge no expiration

E. Fiscal Impact

No annual maintenance and launching cups and cartridges are purchased as needed at approx. cost of \$225-\$1400 per year.

F. Training

Officers are required to attend a POST certified course in chemical agents.

G. Legal and Procedural Rules

Use is established in Antioch Police Policy 302.

6. Diversionary Devices

H. Description, quantity, capabilities, and purchase cost

- a. CTS Flashbang (single use) #7290, Cost \$ 37.00. Quantity 94
Diversionary device that emits loud “bang” and flash of light.
- b. CTS Flashbang (triple single) #7290-3, Cost \$104.00. Quantity 9
Diversionary device that emits loud “bang” and flash of light three times.

Diversionary devices create loud sound and a bright flash to temporarily divert the attention of individuals in the immediate area. They are used to distract and temporarily incapacitate dangerous individuals by overwhelming their sense of vision and hearing. This distraction allows officers to seize a moment of opportunity to take control of high risk situations.

I. Purpose

- J. To produce atmospheric over-pressure and brilliant white light and, as a result, can cause short term (6-8 seconds) physiological/psychological sensory deprivation to give officers a tactical advantage.

K. Authorized use

Diversionary Devices shall only be used:

- a. By officers trained in their proper use
- b. In hostage and barricaded suspect situations
- c. In high risk warrant (search/arrest) services where there may be extreme hazards to officers
- d. During other high-risk situations where their use would enhance officer safety
- e. During training exercises

L. Expected Lifespan

Until used

M. Fiscal Impact

No annual maintenance, purchased as needed approx. \$1239.00 - \$2500.00

N. Training

Officers will attend POST certified training in diversionary devices.

O. Legal and Procedural Rules

Use is established in Antioch Police Policy 302.

6. Chemical Agent and Smoke Canisters

A. Description, quantity, capabilities, and purchase cost

- a. CTS CS Baffled Grenade #5230B, Cost \$ 34.00. Quantity 40
Pyrotechnic grenade designed for indoor use delivering a maximum amount of irritant smoke throughout multiple rooms with minimal risk of fire. Can be hand thrown or launched with the 870 shotgun.
- b. CTS CS Smoke Canister #8230, Cost \$ 19.00. Quantity 65
The smallest diameter burning grenade that discharges a high volume of smoke and chemical agent through multiple emission ports. Specifically

designed for outdoor use and should not be deployed on rooftops. Can be hand thrown or launched.

- c. CTS Smoke Canister 5230, Cost \$ 32.00. Quantity 50
Large diameter burning grenade that discharges a high volume of smoke and chemical agent through multiple emission ports. Specifically for outdoor use and should not be deployed on rooftops, in crawl spaces or indoors due to potential fire hazard. Can be hand thrown or launched.
- B. Purpose
To limit the escalation of conflict where use of lethal force is prohibited or undesirable. Situations for use of the less lethal weapon systems may include, but are not limited to:
 - A. Self-destructive, dangerous and/or combative individuals
 - B. Riot/crowd control and civil unrest
 - C. Circumstances where a tactical advantage can be obtained
 - D. Potentially vicious animals
 - E. Training exercises or approved demonstrations
- C. Authorized use
Only officers who have completed a POST certified course in chemical agents are authorized to use chemical agents listed in this section.
- D. Expected Lifespan
Shelf life of 5 years
- E. Fiscal Impact
No annual maintenance costs, purchased as needed \$770.00-\$2000.00
- F. Training
Officers utilizing chemical agent canisters must be certified by POST in chemical agents.
- G. Legal and Procedural Rules
Use is established in Antioch Police Policy 302.